Agenda Item: 05
BAR Meeting: 07/29/2015

Board of Architectural Review

DATE: July 15, 2015
TO: Board of Architectural Review Chair and Members
THROUGH: Jason Sutphin, Community Development Division Chief JDS
FROM: Kelly O'Brien, AICP, BAR Liaison KO
SUBJECT: Mosby Woods Pool House Renovation

ATTACHMENTS:
1. Relevant Code Sections
2. Plans
3. Existing Building Photographs

Nature of Request

1.	Case Number:	15070058
2.	Address:	3136 Plantation Parkway
3.	Request:	Proposed modifications to pool house facade
4.	Applicant:	Mosby Woods Recreation Association
5.	Applicant's Representative:	Marie Cox
6.	Zoning:	R-3 Residential

Staff Comments

Background and Proposal:

The Mosby Woods pool house, originally constructed in 1963-64, is approximately 1,715 sf with an additional 625 sf for the nearby snack bar and storage shed. The applicant proposes to construct a 142 sf addition to the entry of the pool house and connecting the storage area to the snack bar area by closing in a portion of the empty space between the buildings. The proposed renovations are intended to improve the aesthetics as well as functionality of the buildings.

Analysis:

The applicant proposes to create a brick water table to the front façades of the pool house and snack shed/pool storage buildings facing Plantation Parkway with Continental #450 MOD F/B Item #4933 brick veneer. The brick veneer would also be used on the rest of the walls for the expanded entry to the pool house. 'Boothbay Blue' Hardie Plank siding is proposed above the water table and on the other three sides of the buildings. New white vinyl windows and white metal 2 panel doors and glass panel doors are also proposed. Dormers shown on the plans are proposed to provide natural light into the interior space below and do not represent a second story space.

In addition to re-facing the facades, the applicant also proposes to raise the pitch of the existing roof and extend the roof over a portion of the concrete deck behind the buildings. Roof material proposed is CertainTeed Landmark Pewter which has a dark grey base with some hints of color similar to that of the proposed siding.

Wood columns to support the roof are proposed to be wrapped in white colored aluminum with white aluminum trim on the top and bottom. The columns in the new front entry will have a brick base using the same veneer as the water table.

Proposed building mounted lighting includes XTOR Crosstour LED wall mounted fixtures with a black finish and recessed lighting under the canopy created by the roof extension on the back.

No specifications on manufacturer for the black metal fencing have been provided however staff has no issue with the design depicted in the renderings and would support approval of any fencing chosen that matches the rendering.

Staff believes that the materials and colors proposed for the façade renovation are consistent with the design guidelines in the Community Appearance Plan.

RECOMMENDATIONS

The proposed plan is consistent with the City's design criteria. Staff therefore recommends that the application be approved with the following conditions.

1. The proposed façade renovations and fencing shall be installed as shown on the plans received July 10, 2015 and rendered elevations received July 15, 2015, except as regulated by the Zoning Ordinance, and as may be modified by the Board of Architectural Review, the Director of Community Development and Planning, Zoning, or the Building Official.

ATTACHMENT #1

Relevant Code Sections

Sec. 110-1071. Designation of districts.

(a) The architectural control overlay district is hereby designated as all land in the city which is located outside an historic district and zoned for other than single-family detached residences. In addition, any lot, parcel or area of land within any area zoned for single-family detached residences outside an historic district which is used for other than single-family detached residences or which is the subject of an application for a special use permit or building permit involving any such other use shall be part of the architectural control overlay district. The provisions of this article shall not apply to single-family attached residences after such residences have been initially erected.

Sec. 110-1072. Approval required for improvements.

(a) No structure or improvement located on any land within the architectural control overlay district, including significant landscape features appurtenant to such structure or improvement, shall be erected, reconstructed, altered or restored until the plans for the exterior architectural features and landscaping have been approved by the board of architectural review or the city council in accordance with the provisions of article XIX of this chapter. Plans for signs appurtenant to new and renovated shopping centers, and as otherwise provided for multi-tenant commercial buildings in subsection 110-180(b) shall also be subject to board of architectural review or the city council approval. The board of architectural review shall confine its review and approval to only those features which are subject to view from a public street, way or place. The provisions of this article shall not apply to regular maintenance of a structure, improvement or site; however, an exterior color change of a structure, or substantial portion thereof, shall be deemed an alteration and not regular maintenance.

Sec. 110-915. Powers and duties.

The board of architectural review shall have the following powers and duties:

(2) To review and decide any application requesting approval for exterior architectural features of any structure, improvement or significant landscape feature associated with such structure or improvement to be erected, reconstructed or substantially altered in an architectural control district.

ATTACHMENT #2

RECEIVED
JUL 10 2015
Community Dev & Planning

MOSBY WOODS RECREATION ASSOCIATION
Statement of Intent for Board of Architectural Review

The Mosby Woods Recreation Association (MWRA) is proposing a renovation and minor addition to the existing pool house at the Mosby Woods Pool (pool) which was originally constructed in 1963-1964. The original pool house is approximately 1,715 SF while the snack bar and pool equipment buildings are approximately 625 SF totaling 2,340 SF.

The current building was constructed as a part of the original Site Plan for the Mosby Woods neighborhood and has been an important component of the neighborhood since its completion. The renovation will enhance the lack of architectural character that exists on the current facility and will make it more compatible with the architecture of the neighborhood. At this time, the MWRA plans to undertake an addition to extend the entrance at the main pool house which will improve the aesthetics and functionality of the existing entry to the pool house. MWRA is also proposing to join the existing masonry block pool equipment building with the exiting masonry block snack bar / storage room by filling in a portion of the empty space between the buildings. This increased space will enhance the existing snack bar.

The proposed renovation project improves the front entry with an approximately 26' wide x 7' deep addition (approximately 142 SF). With the addition to the entry of the building, we will improve functionality of the entry and provide better accessibility for all patrons. The renovation includes improvements to the interior restrooms, addition of a family restroom and increased storage areas.

On the exterior of the addition to the building as well as the existing structure, a brick water table will be added. The existing poured-in-place concrete walls will be clad in a cementitious siding that will be painted. New windows will be installed that are white. The front entry doors will be wood doors with translucent glass. Four posts at the front entrance will be clad in aluminum. The roof of the building will be raised at a higher pitch to accommodate the covered entrance as well as to permit a portion of the existing concrete deck on the back side of the facility to be covered. Dormers with fixed windows will be installed to provide natural light to the interior space. Doors for the building will be metal doors fashioned in a traditional 2-panel style.

The existing open space between the snack bar and pool equipment rooms will be enclosed with CMU block walls. The new walls, as well as the existing walls, will be covered in the same manner as the pool house with a brick water table on the front elevation and cementitious siding to clad all exterior walls. The roof will also be raised on the snack bar/pool equipment room to allow for a covered area on the back elevation of the snack bar. Doors on this building will be the same as those on the main pool house to insure cohesiveness between the structures.

In addition, the buildings will be unified with a black aluminum picket fence that will replace the existing chain link fence along Plantation Parkway. A lot of the existing landscape at the front entry of the building will need to be removed in order to undertake the addition but similar landscape will be installed. The existing "Mosby Woods" benches will be removed during construction and reinstalled near the front entrance when construction completions.

MOSBY WOODS POOL
Where getting wet is just part of the fun!

MWRA Pool Board
Chuck Monnig, President
PO Box 413
Fairfax, VA 22038-0413

July 15, 2015

Ms. Kelly O'Brien
City of Fairfax
Office of Community Development & Planning
10455 Armstrong Street
Room 207
Fairfax, VA 22030

RE: Mosby Woods Pool
3136 Plantation Parkway

Dear Kelly,

Please find attached the following samples which are being submitted as part of the Board of Architectural Review application for the Mosby Woods Pool renovation project.

- Exterior Brick: Continental #450
- Siding: James Harding Siding
  Select Cedarmill
  Boothbay Blue
- Roofing: CertainTeed
  Landmark
  Pewter
- Doors: Republic Doors (or equal)
  2-panel door

If you have any questions, please do not hesitate to contact me via email at mwpoolrenvovation@gmail.com or via mobile phone at 571.251.1062.

Sincerely,

Marie Cox
Director of Facilities Improvement
Mosby Woods Recreation Association

REAR ELEVATION

FRONT ELEVATION

MOSBY WOODS POOL

PINNACLE DESIGN & CONSULTING

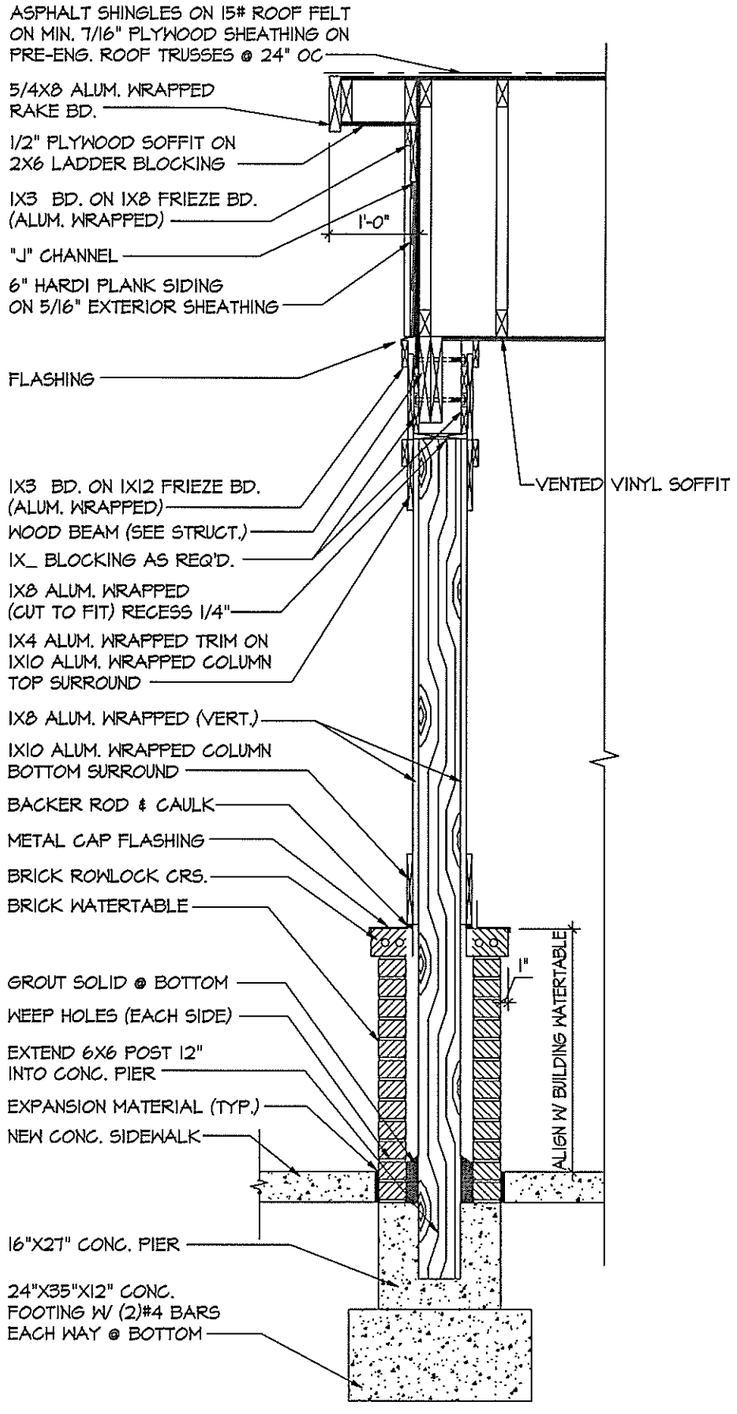
07/15/2015

P3695

MOSBY WOODS POOLHOUSE

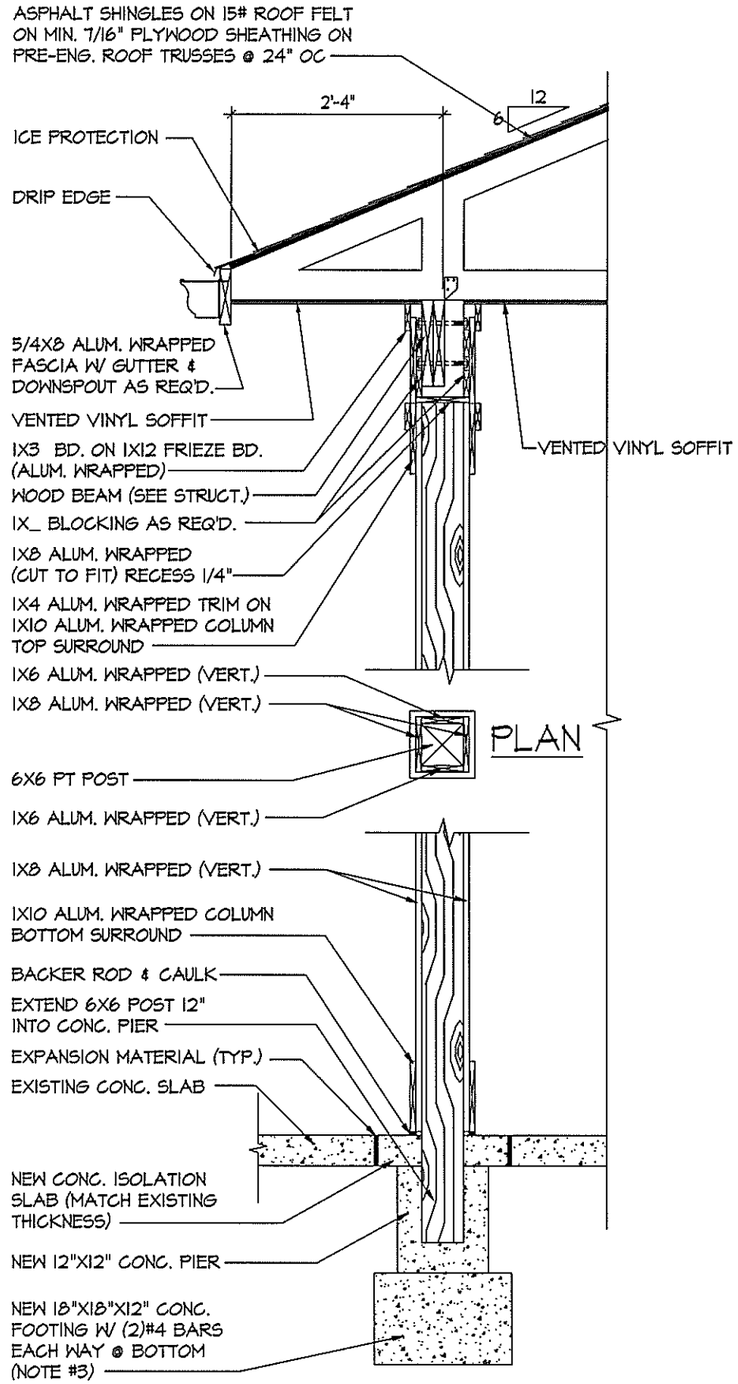
0 2 4 8 16

SCALE: 1/8"=1'-0"



SECTION GENERAL NOTES
1) ALL WOOD USED BELOW THE TRUSS BEARING LEVEL TO BE PRESSURE TREATED.
2) ROOF TRUSSES TO BE PAINTED BLACK PRIOR TO INSTALLATION.

G A9.01 WALL SECTION
SCALE : 3/4" = 1'-0"



SECTION GENERAL NOTES
1) ALL WOOD USED BELOW THE TRUSS BEARING LEVEL TO BE PRESSURE TREATED.
2) ROOF TRUSSES TO BE PAINTED BLACK PRIOR TO INSTALLATION.
3) FIELD VERIFY IF THE EXISTING FOOTING IS ADEQUATE SIZED

E A9.01 WALL SECTION
SCALE : 3/4" = 1'-0"

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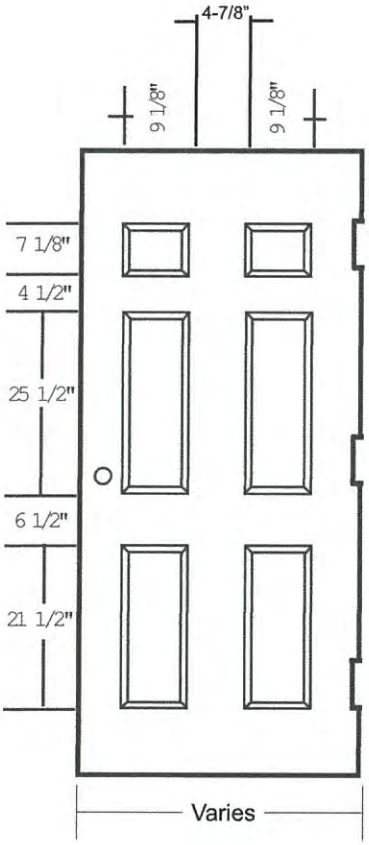
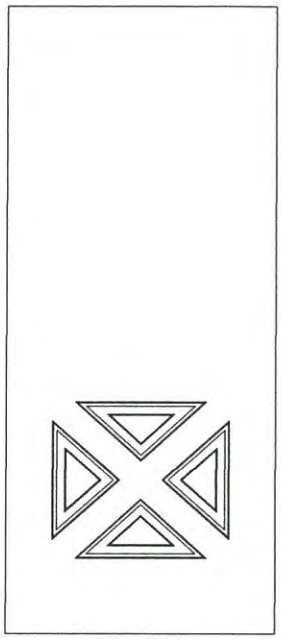
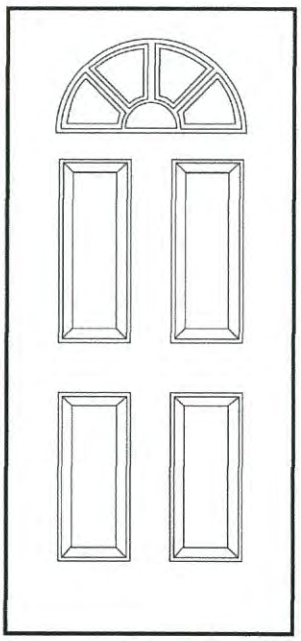
JUL 15 2015
Community Dev & Planning



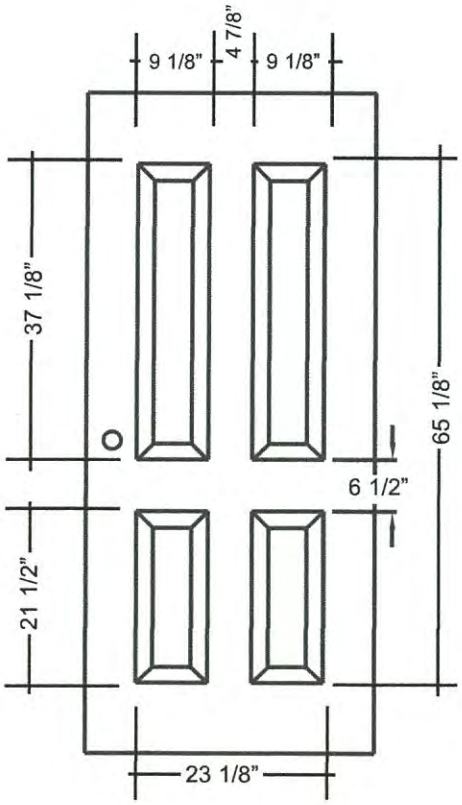


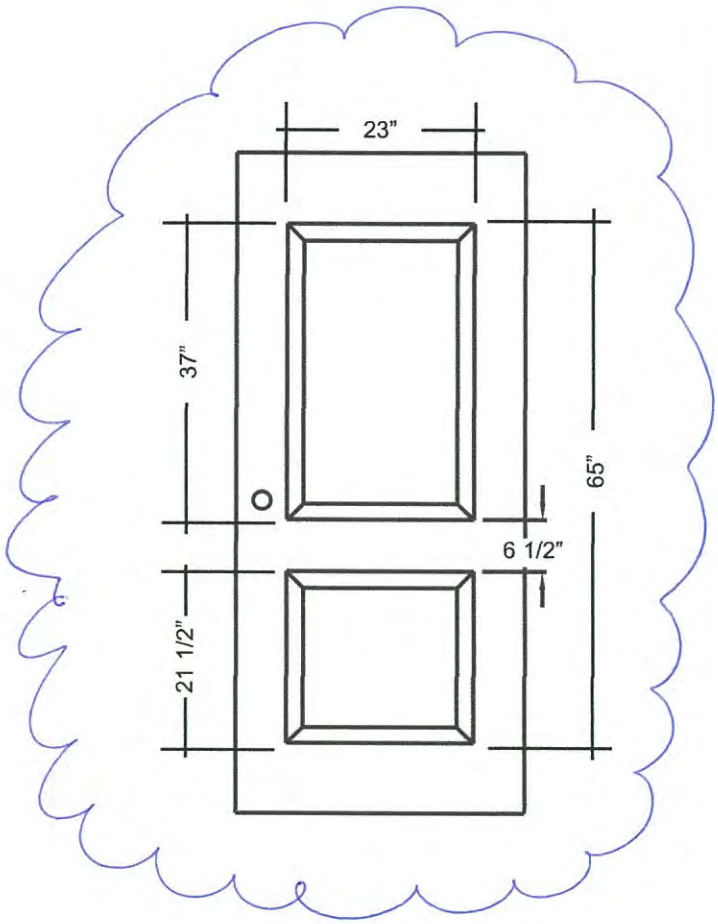
Crossbuck



Sunburst
(Includes Glass)

NOTE: Maximum lock trim diameter is 3-1/8" on 2'8" doors.





Republic
DOORS AND FRAMES

EMBOSSED DOORS

TECHNICAL DATA SHEET No. 104

Embossed Doors shall be as manufactured or furnished by Republic Doors and Frames, McKenzie, Tennessee 38201. (Standard components are bold.)

Thickness - 1-3/4" or 1-3/8" (1-3/8" available in 6-Panel, 20 & 18 gage only)

Actual Door Size - Door undersized from nominal by 1/4" in width and 7/8" in height. Standard undercut is 3/4".

Hinge Rail & Reinforcement - Hinge edge is non-beveled and reinforced with a continuous or segmented 16 gage steel channel projection welded at a maximum 5" on center. Additional reinforcement plates are provided at the hinge locations to give a total of 3/16" reinforcement. (Backset 1/4")

Lock Rail - Lock edge is non-beveled and reinforced with a continuous 16 gage channel. 16 gage reinforcements for mortise or cylindrical locks are of an integral type in accordance with ANSI A115 Standards. (Optional - Beveled lock edge - 1/8" in 2")

Edge Seams - Overlapping.

Top Channel - Flush, 16 gage channel, projection welded at a maximum 2-1/2" on center.

Bottom Channel - Inverted 16 gage channel, projection welded at a maximum 2-1/2" on center.

Cores Available - Polystyrene Core - Doors shall be reinforced by laminating face skins to a foam core slab of expanded polystyrene. Core shall have 1 lb to 1.25 lb per cubic foot density.

Insulation - Polystyrene Core (R value of 2.18 per ASTM C1363)
(Optional- Sound Transmission Control (STC) 40- 6-panel only)

Face Skins - 20, 18 or 16 gage - Faces shall be deep drawn embossed raised panels, both inside and out. (Optional - Wood grain embossed (20 and 18 gage only, 3070 max) on 6-panel doors - prime paint only) (16 gage only available in 6 and 4-panel design)

Closer Reinforcement (Option) - 14 gage standard / 12 gage optional. (18" x 6")

Size Availability - Minimum 2'6" x 6'8", Maximum 3'6" x 8'0" (maximum 20 gage = 3'0" x 7'0")
(Optional - 3'0" x 8'0", 6-panel design with elongated panel embossments)
Note: 2'6" wide embossed panel doors will have special lock height - not ADA compliant.

SDI 100 Level/Model - Level 1 Models 1 (Standard Duty, minimum 20 gage, hollow steel composite)
Level 2 Model 1 or 2 (Heavy Duty, minimum 18 gage, hollow steel composite)
Level 3 Models 1 or 2 (Extra Heavy duty minimum 16 gage, hollow steel composite)

Label Range - Consult Label Section for Fire Ratings.

Edge Seam Construction - Visible seam is standard. (Optional - Continuously welded seamless or intermittently welded seamless available) (Not available in 20 gage)

Universal Standard/Heavy Weight Hinge - Hinge fillers used to change from heavy weight to standard weight hinge prep.

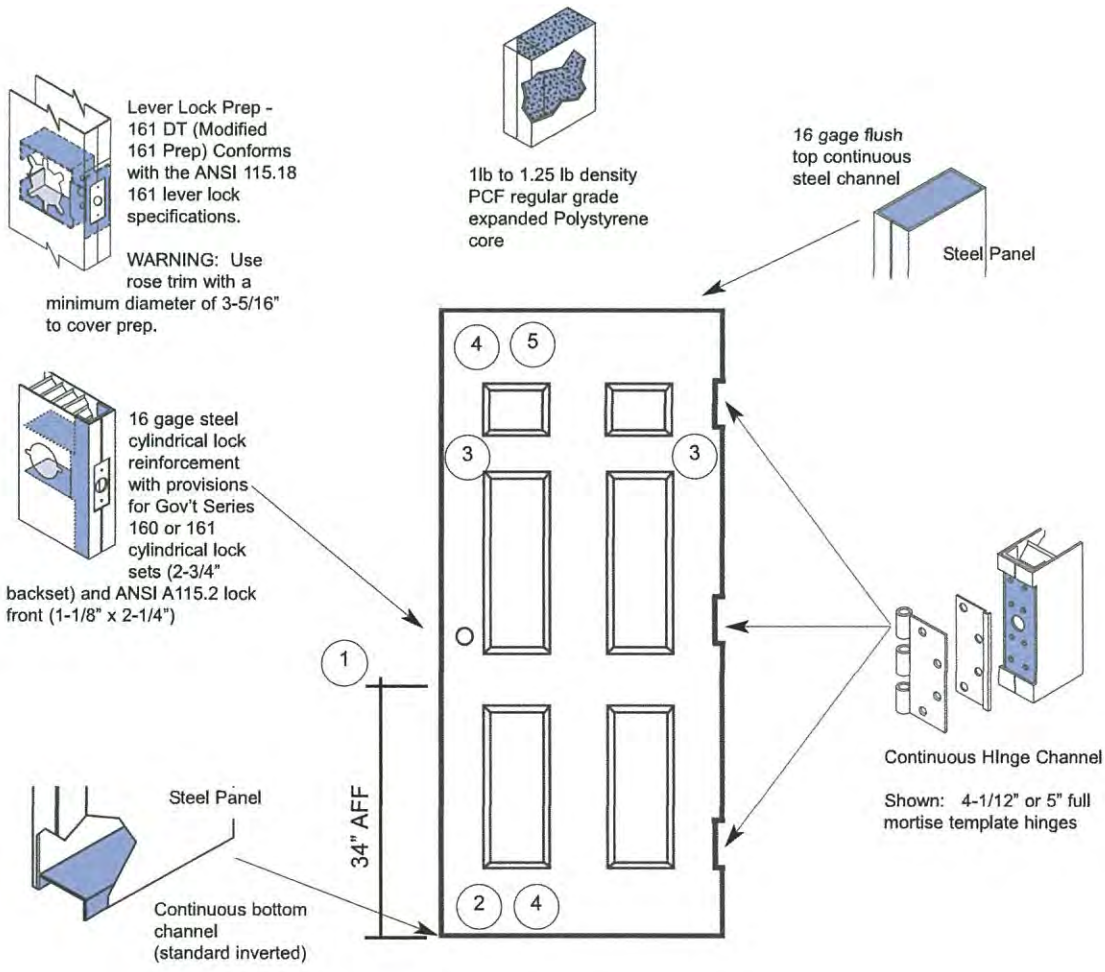
Handing Design - Non-Handed standard (Handed optional)

Revised 9/14

EMBOSSED DOORS - DOOR CONSTRUCTION DETAILS

Republic Doors and Frames

TECHNICAL DATA SHEET No. 104a



1. Doors smaller than 2'8" width - lock height moved to 34" AFF (not ADA compliant)
2. ADA compliance or 10" mop/kick plate requires a full10" bottom rail
3. Minimum hinge and/or lock rail 3-1/8"
4. Miniimum top and/or bottom rail 3-7/8"
5. Minimum top rail with standard RBP closer reinforcement 6-1/4"

Revised 9/14

Republic Doors and Frames
155 Republic Drive • McKenzie, Tennessee 38201 • (731) 352-3383

Standards As Tough As Steel.™

NAAMM

Lumark

DESCRIPTION

The patented Lumark Crosstour™ LED Wall Pack Series of luminaries provides an architectural style with super bright, energy efficient LEDs. The low-profile, rugged die-cast aluminum construction, universal back box, stainless steel hardware along with a sealed and gasketed optical compartment make the Crosstour impervious to contaminants. The Crosstour wall luminaire is ideal for wall/surface, inverted mount for façade/canopy illumination, post/bollard, site lighting, floodlight and low level pathway illumination including stairs. Typical applications include building entrances, multi-use facilities, apartment buildings, institutions, schools, stairways and loading docks test.

Catalog #		Type
Project	Mosby Woods Pool	
Comments	Exterior Lighting	Date
Prepared by	Wall-mounted fixture	

SPECIFICATION FEATURES

Construction
Slim, low-profile LED design with rugged one-piece, die-cast aluminum hinged removable door and back box. Matching housing styles incorporate both a small and large design. The small housing is available in 7W and 18W. The large housing is available in the 26W model. Patent pending secure lock hinge feature allows for safe and easy tool-less electrical connections with the supplied push-in connectors. Back box includes three (3) half-inch, NPT threaded conduit entry points. The universal back box supports both the small and large forms and mounts to standard 3-1/2" to 4" round and octagonal, 4" square, single gang and masonry junction boxes. Key hole gasket allows for adaptation to junction box or wall. External fin design extracts heat from the fixture surface. One-piece silicone gasket seals door and back box. Minimum 5" wide pole for site lighting application. Not recommended for car wash applications.

Optical
Silicone sealed optical LED chamber incorporates a custom engineered mirrored anodized reflector providing high-efficiency illumination. Optical assembly includes impact-resistant tempered glass and meets IESNA requirements for full cutoff compliance. Solid state LED Crosstour luminaries are thermally optimized with five (5) lumen packages in cool 5000K or neutral warm 3500K LED color temperature (CCT).

Electrical
LED driver is mounted to the die-cast housing for optimal heat sinking. LED thermal management system incorporates both conduction and natural convection to transfer heat rapidly away from the LED source. 7W models operate in -40°C to 40°C [-40°F to 104°F]. 18W and 26W models operate in -40°C to 40°C [-40°F to 104°F]. High ambient 50°C models available. Crosstour luminaires maintain greater than 90% of initial light output after 72,000 hours of operation. Three (3) half-inch NPT threaded conduit entry points allow for thru-branch wiring. Back box is an authorized electrical wiring compartment. Integral LED electronic driver incorporates surge protection. 120-277V 50/60Hz or 347V 60Hz models.

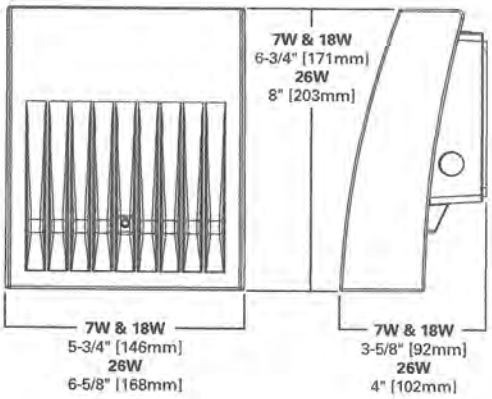
Finish
Crosstour is protected with a Super durable TGIC carbon bronze or summit white polyester powder coat paint. Super durable TGIC powder coat paint finishes withstand extreme climate conditions while providing optimal color and gloss retention of the installed life.

Warranty
Five-year warranty.

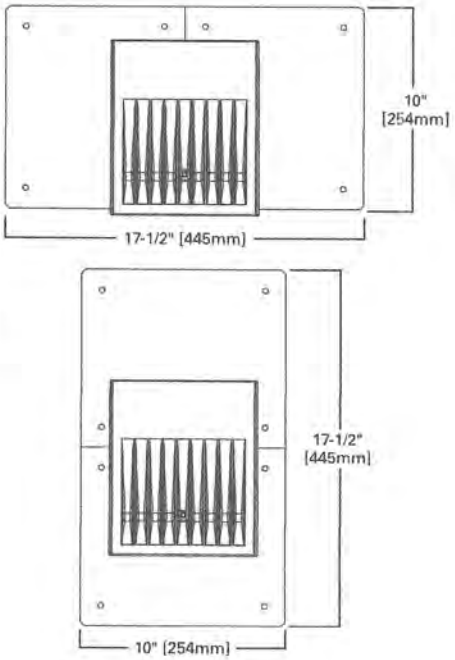
XTOR
CROSSTOUR LED

APPLICATIONS:
WALL / SURFACE
POST / BOLLARD
LOW LEVEL
FLOODLIGHT
INVERTED
SITE LIGHTING

DIMENSIONS



ESCUTCHEON PLATES



CERTIFICATION DATA
UL/cUL Wet Location Listed
LM79 / LM80 Compliant
ROHS Compliant
ADA Compliant
NOM Compliant Models
IP66 Ingressed Protection Rated
Title 24 Compliant
DesignLights Consortium® Qualified*

TECHNICAL DATA
40°C Maximum Ambient Temperature
External Supply Wiring 90°C Minimum

EPA
Effective Projected Area (Sq. Ft.):
XTOR1A/XT0R2A=0.34
XTOR3A=0.45

SHIPPING DATA:
Approximate Net Weight:
3.7 – 5.25 lbs. [1.7 – 2.4 kgs.]

LUMEN MAINTENANCE

Ambient Temperature	TM-21 Lumen Maintenance (72,000 Hours)	Theoretical L70 (Hours)
XTOR1A Model		
25°C	> 92%	> 290,000
40°C	> 92%	> 290,000
50°C	> 91%	> 270,000
XTOR2A Model		
25°C	> 91%	> 270,000
40°C	> 90%	> 260,000
50°C	> 88%	> 225,000
XTOR3A Model		
25°C	> 91%	> 280,000
40°C	> 91%	> 270,000
50°C	> 89%	> 240,000

LUMENS - CRI/CCT TABLE

LED Information	XTOR1A	XTOR2A	XTOR2A-N	XTOR3A	XTOR3A-N
Delivered Lumens (Wall Mount)	722	1,633	1,523	2,804	2,284
Delivered Lumens (With Flood Accessory Kit) [1]	468	1,060	978	2,168	1,738
B.U.G. Rating [2]	B0-U0-G0	B1-U0-G0	B1-U0-G0	B1-U0-G0	B1-U0-G0
CCT (Kelvin)	5,000	5,000	3,500	5,000	3,500
CRI (Color Rendering Index)	65	65	70	65	70
Power Consumption (Watts)	7W	18W	18W	26W	26W

NOTES: 1 Includes shield and visor. 2 B.U.G. Rating does not apply to floodlighting.

CURRENT DRAW

Voltage	Model Series		
	XTOR1A	XTOR2A	XTOR3A
120V	0.05A	0.15A	0.22A
208V	0.03A	0.08A	0.13A
240V	0.03A	0.07A	0.11A
277V	0.03A	0.06A	0.10A
347V	0.025A	0.058A	0.082A

ORDERING INFORMATION

Sample Number: XTOR2A-N-WT-PC1

Series [1]	LED Kelvin Color	Housing Color	Options (Add as Suffix)	Accessories (Order Separately)
XTOR1A=Small Door, 7W **XTOR2A**=Small Door, 18W **XTOR3A**=Small Door, 26W	**[Blank]**=Bright White (Standard) 5000K **N**=Neutral Warm White, 3500K [2]	**[Blank]**=Carbon Bronze (Standard) **WT**=Summit White	**PC1**=Photocontrol 120V [3] **PC2**=Photocontrol 208-277V [3,4] **347V**=347V [5] **HA**=50°C High Ambient [5]	**WG/XTOR**=Wire Guard [6] **XTORFLD-KNC**=Knuckle Floodlight Kit [7] **XTORFLD-TRN**=Trunnion Floodlight Kit [7] **XTORFLD-KNC-WT**=Knuckle Floodlight Kit, Summit White [7] **XTORFLD-TRN-WT**=Trunnion Floodlight Kit, Summit White [7] **EWP/XTOR**=Escutcheon Wall Plate, Carbon Bronze **EWP/XTOR-WT**=Escutcheon Wall Plate, Summit White

NOTES: 1 DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details. 2 XTOR1A not available in 3500K. 3 Photocontrols are factory installed. 4 Order PC2 for 347V models. 5 Thru-branch wiring not available with HA option or with 347V. 6 Wire guard for wall/surface mount. Not for use with floodlight kit accessory. 7 Floodlight kit accessory supplied with knuckle (KNC) or trunnion (TRN) base, small and large top visors and small and large impact shields.

STOCK ORDERING INFORMATION

7W Series	18W Series	26W Series
XTOR1A=7W, 5000K, Carbon Bronze	XTOR2A=18W, 5000K, Carbon Bronze	XTOR3A=26W, 5000K, Carbon Bronze
XTOR1A-WT=7W, 5000K, Summit White	XTOR2A-N=18W, 3500K, Carbon Bronze	XTOR3A-N=26W, 3500K, Carbon Bronze
XTOR1A-PC1=7W, 5000K, 120V PC, Carbon Bronze	XTOR2A-WT=18W, Summit White	XTOR3A-WT=26W, Summit White
	XTOR2A-PC1=18W, 120V PC, Carbon Bronze	XTOR3A-PC1=26W, 120V PC, Carbon Bronze

5-DAY QUICK SHIP ORDERING INFORMATION

7W Series	18W Series	26W Series
XTOR1A-WT-PC1=7W, 5000K, Summit White, 120V PC	XTOR2A-PC2=18W, 5000K, 208-277V PC, Carbon Bronze	XTOR3A-PC2=26W, 5000K, 208-277V PC, Carbon Bronze
	XTOR2A-WT-PC1=18W, 5000K, Summit White, 120V PC	XTOR3A-WT-PC1=26W, 5000K, Summit White, 120V PC
	XTOR2A-WT-PC2=18W, 5000K, Summit White, 208-277V PC	XTOR3A-WT-PC2=26W, 5000K, Summit White, 208-277V PC
	XTOR2A-N-WT=18W, 3500K, Summit White	XTOR3A-N-WT=26W, 3500K, Summit White
	XTOR2A-N-PC1=18W, 3500K, 120V PC, Carbon Bronze	XTOR3A-N-PC1=26W, 3500K, 120V PC, Carbon Bronze
	XTOR2A-N-PC2=18W, 3500K, 208-277V PC, Carbon Bronze	XTOR3A-N-PC2=26W, 3500K, 208-277V PC, Carbon Bronze
	XTOR2A-N-WHT-PC1=18W, 3500K, Summit White, 120V PC	XTOR3A-N-WHT-PC1=26W, 3500K, Summit White, 120V PC
	XTOR2A-N-WT-PC2=18W, 3500K, Summit White, 208-277V PC	XTOR3A-N-WT-PC2=26W, 3500K, Summit White, 208-277V PC

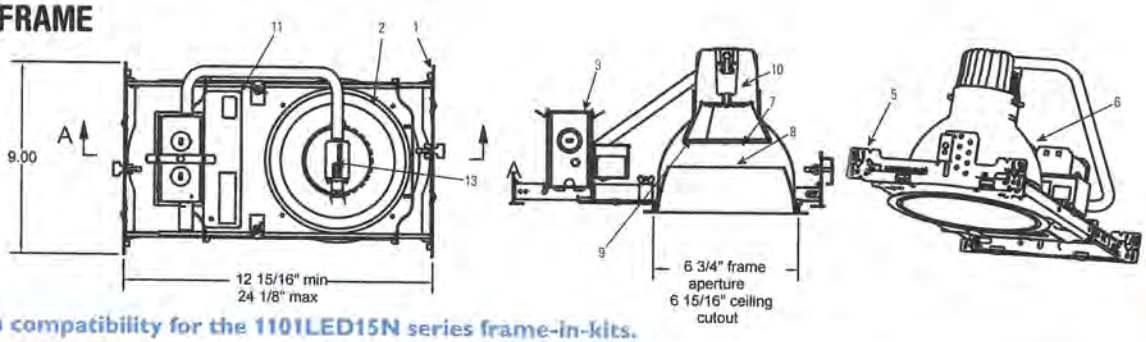
1101LED15

Lytecaster LED 6 ¾", 1500 Lumen, Non-IC, Frame-In Kit

Project: Mosby Woods Pool
Location: Exterior - Recessed
Notes: fixture at back deck

Catalog No:
Fixture Type:
Mfg:
Qty:
Lumens:

UNIFRAME



Trim compatibility for the 1101LED15N series frame-in-kits.

Frame-in kit example: 1101LED15N35D2				Compatible Trims						
Catalog number	**Details**	**CCT**	**Voltage**	**Anodized reflector**	**Cone**	**Satin cone**	**Baffle**	**Crossblade**	**Wall washers**	**Open wet**
1101LED Lytecaster LED 6¾", Non-IC, frame-in kit	**15N** 1500lmn, New constr.	**27** 2700K **35** 3500K	**D1** 120v **D2** 277v	1143 1144 1144CD 1145 1146 1146CD	1112 1112NM 1113 1113NM 1113BK 1113BKNM 1113CD 1113CDNM 1113WH	1108 1108NM 1110 1110NM	1105 1105NM 1105WH 1105BNM 1176* 1176WH	1132*	1195* 1196* 1196CD*	1184WH 1184CD

* Trims marked are not Energy Star certified.

Features

1. **Mounting frame:** .036" (#20ga.) Galvanized steel. Accommodates all ceilings up to 1 1/2" thick.
2. **Trim clips:** "Push in / twist out" stainless steel clips hold reflector flush to ceiling.
3. **Junction box:** 2" x 4" x 3-1/2" (22cu. in.) .032" (#22ga.) galvanized steel.
4. **Uniframe mounting system – grid ceiling:** Tool free mounting in grid ceilings. .036" (20ga.) Galvanized steel interlocking slide bars adjust to 24-1/8" long accommodating 24" O.C. Ceiling grid. Adjustable speed clamps for positive attachment to grid ceiling systems.
5. **Uniframe mounting system – wood joist ceiling:** Integral nailing tabs, alignment guides, fastener holes and bendable strapping guides for wood joist installation. Galvanized Steel interlocking slide bars adjust from 12-15/16" to 24-1/8" long to accommodate 16" and 24" O.C. joist spacing, with or without strapping.
6. **Reflector:** See individual specification sheets for information.
7. **Optical mixing chamber:** Designed to provide a spacing ratio of .9 (60° beam) when installed in standard Lytecaster trims. Optic design provides less glare than standard PAR lamps.
8. **Lens:** Solite Glass lens has high transmission value with slight texturing to provide a smooth consistent beam distribution.
9. **LED board:** Utilizes Philips Lumileds LED's.
10. **Thermal management:** Proprietary heat sink was developed using the latest in Computational Fluid Dynamics Software. This optimized thermal design provides a 50,000 hour lifetime at 70% lumen maintenance. Cast aluminum heat sink is coated with a RoHS compliant coating (trivalent chromate) to resist corrosion in damp/wet environments.
11. **Power supply:** Factory wired electronic Philips LED driver (see Electrical section for specifications).
12. **Thermal protector:** Meets NEC and UL requirements. Do not install insulation above or within 3" (76mm) of any part of the luminaire.
13. **Top heat sink cover:** Tool free snap on enclosure bracket. 22-ga component houses the driver secondary tool free wire connector.

Electrical

Electronic power supply: RoHS compliant Class 2 power unit for use in a damp or dry location. Class A sound rated. Unit tolerates sustained open circuit and short circuit output conditions without damage. Complies with FCC rules per Title 47 CFR Part 15 Non-Consumer (Class A) for EMI/RFI (conducted and radiated). All Luminaires are intended for use with 0-10V DC type dimmers. See LED-DIM spec sheet for latest dimming switch compatibility.

Input voltage	Input frequency	Max input current amps	Max input power	Max THD	Power factor	Minimum operating temperature	Dimming signal
120V Dim	50/60Hz	0.24	30W	< 20%	>.9	-20° C	0-10V
277V Dim	50/60Hz	0.11	30W	< 20%	>.9	-20° C	0-10V

Accessories

1967A extra thick ceiling adapter (2" thk)
L56WWLENS Spread Lens for use with wall wash trims to provide even vertical illumination.

Labels

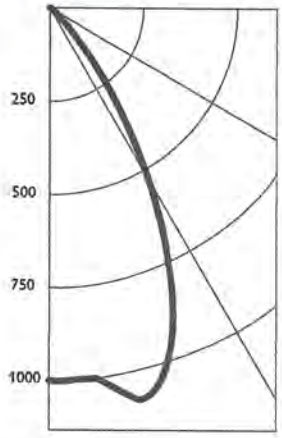
All compatible trims (open as well) suitable for UL wet locations.
5 year warranty. Title 24 compliant. Energy Star certified.
cULus Listed. Suitable for damp locations. I.B.E.W.

PHILIPS
LIGHTOLIER

1101LED15

Lytecaster LED 6 ¾", 1500 Lumen, Non-IC, Frame-In Kit

Lytecaster LED, 3500K Uniframe



Angle	Mean CP
0	1712
5	1714
10	1778
15	1854
20	1720
25	1376
30	947
35	559
40	279
45	110
50	36
55	16
60	7
65	1
70	1
75	0
80	0
85	0
90	0

Catalog No: 1101LED15N35D1 / 1113

Report No.:	F11178
Total Fixture Lumens:	1764 lms
Color Temp:	3500K
Input Watts:	30W
Luminaire Efficacy	58.8 lm/w
Spacing Criterion:	0.9
CRI	82

Zonal lumens and percentages

Zone	Lumens	%Lamp	%Fixt
0-30	1297	N/A	74
0-40	1651	N/A	94
0-60	1762	N/A	99
0-90	1764	N/A	100

Tested using absolute photometry as specified in LM79: IESNA Approved Method for the Electrical and Photometric Measurements of Solid-State Lighting Products.

Coefficients of utilization

Ceiling	80%			70%			50%			0%
Wall	70	50	30	70	50	30	50	30	10	0
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%									
0	119	119	119	116	116	116	111	111	111	100
1	114	112	110	112	110	108	106	104	103	95
2	110	106	103	108	104	101	101	99	97	91
3	106	100	96	104	99	96	97	94	91	87
4	102	96	91	100	95	91	93	89	86	83
5	98	91	86	96	90	85	88	84	81	79
6	94	86	81	92	86	81	84	80	77	75
7	90	82	77	89	81	77	80	76	73	71
8	86	78	73	85	77	72	76	72	69	67
9	82	74	69	81	73	69	72	68	65	63
10	79	70	65	78	70	65	69	64	61	60

Room Cavity Ratio

Single unit data

Height to lighted plane	Initial center beam foot-candles	Beam diameter*
6'	48	5
7'	35	6
8'	27	7

*Beam diameter is where foot-candles drop to 50% of maximum.

1101LED15 07/13

Philips Lighting Company
200 Franklin Square Drive
Somerset, NJ 08873
Phone: 855-486-2216

Philips Lighting Company
281 Hillmount Road
Markham ON, Canada L6C 2S3
Phone: 855-486-2216

MOSBY WOODS RECREATION ASSOCIATION
BOARD OF ARCHITECTURAL REVIEW APPLICATION
Existing Building Photographs

Front / East Elevation of pool house from Plantation Parkway

Front Entry of pool house from Plantation Parkway

Rear/West elevation of pool house

North elevation of pool house

South elevation of pool house

Front/West elevation of Snack Shack (Left) and Pump Room (right)


South elevation of Pump Room

Rear / East elevation of Snack Shack (right) and Pump Room/Chemical Storage (left) from Plantation Parkway

Rear / East elevation of Snack Shack (far right) and Pump Room/Chemical Storage (left corner)

North elevation of Snack Shack